

Figure 33

(SEASON 0:35)

(5E00PNU:39)

(17:00:41)

(SEALION:43)

(SEAFEDN0:45)

(S&A ID# 42147)

(SEAPONE: 49)

(SEAFONC:51)

(SECTION 53)

Amino Acid Sequence and Structure of Human Kappa Chain Derived from EGFR-Specific Hybridomas

	V _K SEGMENT			J _K SEGMENT
	CDR1	CDR2	CDR3	
Vκ (Q18)	TTTCQASODISINYLINWYQKRGKAPRL	LIYDASNLETFVPSRFSGSGSGTDFTFTISBLQPEDLATYTCQ	QDYDNL	RTVAAPSVFIFPPSDEQ
Human CK				(SEQ ID NO: 74) (SEQ ID NO: 36)
EGF. 1.1.1.K	N-F	V-H	G-G	ES-LIFGGGTRVEIK
				(SEQ ID NO: 40)
EGF. 2.4.K	TI	N-S	L	H-LIFGGGTRVAIK
				(SEQ ID NO: 42)
EGF. 2.5.K			VG-V	ES-CGEGGTRLEIK
				(SEQ ID NO: 44)
EGF. 2.11.K		N-D	I	S-LIFGGGTRVEIR
				(SEQ ID NO: 50)
E6.2.K	N-R-N		N	H-H-WIFGGGTRVEIK
				(SEQ ID NO: 46)
E6.3.K	X-N-X	X-S	XK	H-X-LIFGGGTRVEIK
				(SEQ ID NO: 52)
B6.4.K* *02 gene	R-S-S	A-S-QS	L	F-GINT-PE-CSFGGTRLEIK
				(SEQ ID NO: 48)
E7.6.3.K			F	HF-H-LAFGGGTRVEIK
				(SEQ ID NO: 54)

Amino Acid Sequences and Structure of Human Heavy Chain Derived from EGFR-Specific Hybridomas

Human γ_2		ASTKGPSVFPPLAPCSRSTST ³ (442000:73)	
CDR1	CDR2	CDR3	
4-31 VSGGSISSGGYYWSEWIRQHPGKGLWIGYIYYSGSTYYNP ¹ SLKSRV ² TSVDTSKNQ ³ FLKLSVTAADTA ⁴ VYYCA ⁵ F			
1 N-D-----DC-----		STVNP ⁶ G WFD ⁷ P	WGQGT ⁸ LVTVSS (58250N034)
E2.4 N-D-----S-N-F-----L-----C-----		NIVTV ⁹ G AFD ¹⁰ I	WGQGT ¹¹ LVTVSS (35430N0411)
E2.5 N-D-T-----N-----SM-I-E-----KPVTV ¹² G ED ¹³ Y			WGQGT ¹⁴ LVTVSS (58210N0405)
E6.2 N-DF-----N-I-P-----I-----ISLYY ¹⁵ GG GMD ¹⁶ V			WGQGT ¹⁷ LVTVSS (58210N0405)
E6.4 N-D-----E-I-T-----N-----GTVT ¹⁸ TY YFD ¹⁹ Y			WGQGT ²⁰ LVTVSS (58210N0417)
E20.21 N-C-----N-Q-----DKWSY ²¹ YYYGMD ²² V			WGQGT ²³ LVTVSS (58210N0417)
CDR1	CDR2	CDR3	
4-61 VSGGSVBSGSYYWSEWIRQHPGKGLWIGYIYYSGSTYYNP ¹ SLKSRV ² TSVDTSKNQ ³ FLKLSVTAADTA ⁴ VYYCA ⁵ F			
E2.11 N-D-----HL-N-----L-----DFL ⁶ NGSF FDI ⁷ Y			WGQGT ⁸ LVTVSS (58210N0417)
E6.3 N-Y-D-----H-N-----L-----DSIL ⁹ GA TNY ¹⁰			WGQGT ¹¹ LVTVSS (58210N0417)
E7.6.3 N-D-T-----S-H-N-----L-I-T-----I-V-DRVT ¹² GA FDI ¹³			WGQGT ¹⁴ LVTVSS (58210N0417)

Figure 71